



## WELCOME

The Success Center Connection shares announcements, deadlines, and new initiatives related to the Center for Science and Math Success

(CSMS), as well as important news related to teaching, learning, and student success. This issue highlights the new Hornet Leadership Program and includes information about upcoming events. Additional details can be found at

[www.csus.edu/csms](http://www.csus.edu/csms)



**CENTER FOR SCIENCE  
& MATH SUCCESS**  
SACRAMENTO STATE

## UPCOMING EVENTS

### STEM EDUCATION RESEARCH NETWORK (SERN)

SERN is a group of faculty across the STEM disciplines that support each other in STEM education research, course and programmatic evaluation, and other scholarly activities related to teaching and learning. All are welcome to attend meetings!

#### First Fall 2021 SERN Event:

"True Colors" workshop, focused on strengths-based team building and communication.

**Sept. 17, 2021, 9 am-11 am**

RSVP to Kelly McDonald at  
[mcdonald@csus.edu](mailto:mcdonald@csus.edu)

## HORNET LEADERSHIP PROGRAM (HLP)

### ABOUT THE HLP

The Hornet Leadership Program (HLP) is providing students from Science, Technology, Engineering, and Mathematics (STEM) with multiple opportunities to develop leadership skills, while connecting with peers and STEM professionals from the campus and local community. This National Science Foundation-funded project is a collaboration between the Colleges of Natural Sciences and Mathematics (NSM) and Engineering and Computer Sciences (ECS); however, students from across campus are invited to participate.



## STEM SCHOLARS LECTURE: TAKING THE OCEAN'S TEMPERATURE

Thursday, September 30, 2021  
Webinar, 6:00 - 7:00 pm

Register at [www.csus.edu/csms](http://www.csus.edu/csms)

Dr. Amy Wagner, Associate Professor in the Department of Geology at Sacramento State, will detail the research being conducted in her lab on the ocean and climate change, how modern changes fit into the context of past ocean conditions, and how that information might help us foresee future changes.



## GRAD WEEK

October 18-22, 2021

Information: TBD

## SCIENCE EDUCATIONAL EQUITY APPLICATION DEADLINE

Friday, November 5, 2021

contact: [see@csus.edu](mailto:see@csus.edu)

The SEE Program accepts new applicants for the program every Fall and Spring semester. Those interested in joining the SEE Program must complete an online application.

Applications will be accepted on a rolling admissions basis.

Applications must be received by Friday, November 5, 2021 to be considered for Fall 2021 admission. Applications received after the Nov 5th will be considered for Spring 2022.

## HLP ACTIVITIES

The HLP offers a collection of seminars, workshops, and other opportunities for students to explore leadership and develop a sense of community.



ENGR/NSM 193 is a two-unit leadership course available to sophomores, juniors, and seniors that will introduce students to the Social Change Model of leadership. The course provides in-depth leadership training and opportunities for students to set goals, learn to collaborate and motivate others, explore their strengths and capacities, and apply best practices of effective leadership. Seminars will further provide students with the opportunity to engage with successful STEM leaders. They are open to all students, throughout the academic year.

Four HLP workshops will be held per academic year. Workshops will focus on various leadership themes to help students develop skills that they can apply to their academic and future careers. Workshops will be run by Peer Leaders who complete the ENGR/NSM 193 course.

HLP Scholars is the culminating activity of the program, allowing students to apply their leadership skills during a paid, mentored, hands-on summer experience. Students work in teams to create, test, and potentially implement a project designed to have a positive impact on their community. Students who have completed ENGR/NSM 193 or 197 are eligible to apply.

HLP Student Leadership Conferences will be held over two days during the spring semesters. HLP Scholars will showcase their projects through poster presentations. The leadership teams from all ECS & NSM student professional societies, as well as any students engaged in formal leadership roles, will be invited to participate. This activity will strengthen the ties and sense of community between students and alumni and will help develop a pipeline of ready professionals for the growing number of employment opportunities in our community.



## HEALTH PROFESSIONALS WEEK

November 8 - 12, 2021

Health professionals week is for students and alumni aiming to enter the medical field. Events will provide information, resources, and advising.

11/8 - Health Professional Programs Interview Tips and Multiple Mini Interview Workshop.

11/9 - Exploring Health Careers Panel.

11/10 - Meet and Greet with Health Professional students at CNU.


11/12 - Postbaccalaureate Programs: What is it and Do I Need it?



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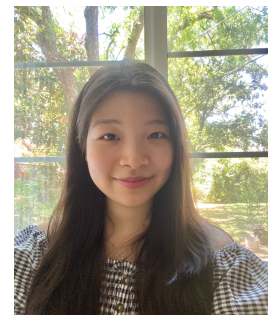
 [scienceandmathsuccess@csus.edu](mailto:scienceandmathsuccess@csus.edu)

## HIGHLIGHTS FROM THE 2021 HLP SCHOLARS

Thirteen HLP Scholars, including eight from NSM, four from ECS, and one from HHS, worked in interdisciplinary teams during Summer 2021 on projects that will benefit their fellow Sac State students. One student team included Bear Waymire, a biological sciences major and Feini Pek, a math major at Sacramento State.



Bear Waymire, Senior  
Biology major



Feini Pek, Junior Mathematics  
major

When asked about his experience, Bear indicated that he would encourage other students to join the HLP. He believes it's a great program for self-motivated individuals who want to create something to improve the lives of people around them. He also felt the program fostered personal growth and will strengthen his resume. Fei used some of her time to network, and indicated that she enjoyed working with professors. She would encourage students interested in graduate school to participate, because graduate programs are looking for leaders and the HLP is an excellent way to demonstrate tangible leadership experience.

### MEET THE DIRECTORS OF HLP

Dr. Julie Fogarty, the Principal Investigator (PI) of the HLP and an Associate Professor of Civil Engineering, looks forward to watching HLP students learn how to become effective team members and expand on their understanding of leadership models.

Dr. Jennifer Lundmark, a Professor of Biological Sciences and one of the Co-Principal Investigators (Co-PIs) of the HLP, was inspired to co-create this program after years of observing the leadership skills developed by Peer Leaders in the Peer Assisted Learning (PAL) program, which she also directs. She says the HLP project is “an attempt to provide students with an onramp” for developing leadership skills that they may not learn through their courses.

Dr. Robin Altman, a co-PI of the HLP and Assistant Professor of Biological Sciences, adds that the HLP will offer students an “opportunity to practice.” Students will learn interpersonal skills that will help them understand others, despite their different backgrounds, and they will have the opportunity to practice their skills while being able to make mistakes and grow as leaders.